PTO/SB/05 (01-04)
Approved for use through 07/31/2006. OMB 0651-0032
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UTILITY PATENT APPLICATION TRANSMITTAL

Title

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. IB-1888P First Inventor Ian G Brown Growth of Large Patterned Arrays of Neurons Express Mail Label No. EV240599132US

Date

03/24/2004

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450					
1. X Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27. 3. X Specification [Total Pages 38] (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. Paper c. Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS					
4. X Drawing(s) (35 U.S.C. 113) [Total Sheets7]	9. Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(b) Statement Power of					
5. Oath or Declaration [Total Sheets] a. Newly executed (original or copy)	(when there is an assignee) Attorney 11. English Translation Document (if applicable) 12. Information Disclosure Copies of IDS					
b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)	Statement (IDS)/PTO-1449 Citations 13. Preliminary Amendment 14. Return Receipt Postcard (MPEP 503)					
i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). Application Data Sheet. See 37 CFR 1.76	(Should be specifically itemized) Certified Copy of Priority Document(s) (If foreign priority is claimed) Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. Other:					
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:						
Continuation Divisional Continua	tion-in-part (CIP) of prior application No.:					
Prior application information: Examiner Art Unit:						
	DENCE ADDRESS					
X Customer Number: 08076	OR Correspondence address below					
Name						
Address						
City	State Zip Code					
	elephone Fax					
Name (Print/Type) David Aston	Registration No. (Attorney/Agent) 28,051					

This collection of information is required by 37 CFR 1.53(b)/The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/17 (10-03)

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

X Applicant claims small entity status. See 37 CFR 1.27 TOTAL AMOUNT OF PAYMENT (\$) 375.00

Complete if Known					
Application Number	2333				
Filing Date	March 24, 2004				
First Named Inventor	Ian G Brown				
Examiner Name	Not yet assigned				
Art Unit					
Attornov Docket No.	TR-1888				

METHOD OF PAYMENT (check all that a	apply)	FEE CALCULATION (continued)					
Check Credit card Money Other	None	3. Al	ITIDO	ONA	. FEE	S	
X Deposit Account:	Large	Entity	Smal	Entity	!		
X Deposit Account: Deposit D		Fee	Fee	Fee	Fee	Fee Description	
Account 120690		1051	(\$) 130	2051	*	Surcharge - late filing fee or oath	Fee Paid
Number Deposit		1052	50	2052		Surcharge - late provisional filing fee or	
Account Name		1002	30	2002	20	cover sheet	
The Director is authorized to: (check all that apply)		1053	130	1053		Non-English specification	
X Charge fee(s) indicated below Credit any overpayments		1812 1804	2,520	1812	-,	For filing a request for ex parte reexamination	\vdash
Charge any additional fee(s) or any underpayment of fee(s)			920*	1804	920*	Requesting publication of SIR prior to Examiner action	
Charge fee(s) indicated below, except for the filing fee			1,840	1805	1,840*	Requesting publication of SIR after	
to the above-identified deposit account.						Examiner action	
FEE CALCULATION		1251	110	2251		Extension for reply within first month	
1. BASIC FILING FEE		.1252	420	2252	210		
Large Entity Small Entity Fee Fee Fee Fee Description	Fee Paid	1253	950	2253		Extension for reply within third month	
Fee Fee Fee Fee Description Code (\$) Code (\$)	ree Palu	1254	1,480	2254		Extension for reply within fourth month	
1001 770 2001 385 Utility filing fee	375.00	1255	2,010	2255	1,005	Extension for reply within fifth month	
1002 340 2002 170 Design filing fee	3/3.00	1401	330	2401	165	Notice of Appeal	
1003 530 2003 265 Plant filing fee		1402	330	2402	165	Filing brief in support of an appeal	
1004 770 2004 385 Reissue filing fee		1403	290	2403	145	Request for oral hearing	
1005 160 2005 80 Provisional filing fee		1451	1,510	1451	1,510	Petition to institute a public use proceeding	
SUBTOTAL (1) (\$)	375.00	1452	110	2452	55	Petition to revive - unavoidable	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE		1453	1,330	2453	665	Petition to revive - unintentional	
Fee from		1501	1,330	2501	665	Utility issue fee (or reissue)	
Total Claims 20 .20** = 0 x	Fee Paid	1502	480	2502	240	Design issue fee	
Independent G		1503	640	2503	320	Plant issue fee	
Claims 2 - 3** = 0 X = :		1460	130	1460	130	Petitions to the Commissioner	
		1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
Large Entity Small Entity Fee Fee Fee Fee Fee Description		1806	180	1806	180	Submission of Information Disclosure Stmt	
Code (\$) Code (\$)		8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in ex	cess of 3	1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1203 290 2203 145 Multiple dependent claim		1810	770	2810	385	For each additional invention to be	
1204 86 2204 43 ** Reissue independent claims		1801	770	2801	205	examined (37 CFR 1.129(b))	
over original patent 1205 18 2205 9 ** Reissue claims in exce	see of 20	1801	900	1802		Request for Continued Examination (RCE) Request for expedited examination	
1205 18 2205 9 ** Reissue claims in exce and over original paten	1002	300	1002	300	of a design application		
SUBTOTAL (2) (E)	0.00	Other fee (specify)					
**or number previously paid, if greater, For Reissues, see above *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)							

SUBMITTED BY	_			(Complete	(if applicable)
Name (Print/Type)	David J Aston	11	Registration No. (Attorney/Agent) 28,051	Telephone	1-510-495-2839
Signature	(1) am	16500		Date	March 24, 2004

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